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## RAW SEQUENCE LISTING

DATE: 11/06/2002

PATENT APPLICATION: US/10/033,024A

TIME: 14:23:09

Input Set : A:\07917-110001.txt

Output Set: N:\CRF4\11062002\J033024A.raw

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4 <110> APPLICANT: Ho, Shuk-Mei
5     Lau, Kin-Mang
6     Lee, Kai-Fai
8 <120> TITLE OF INVENTION: APOPTOSIS-INDUCING RIBOZYMES
10 <130> FILE REFERENCE: 07917-110001
12 <140> CURRENT APPLICATION NUMBER: US 10/033,024A
C--> 13 <141> CURRENT FILING DATE: 2002-10-17
15 <150> PRIOR APPLICATION NUMBER: US 60/244,709
16 <151> PRIOR FILING DATE: 2000-10-31
18 <160> NUMBER OF SEQ ID NOS: 68
20 <170> SOFTWARE: FastSEQ for Windows Version 4.0
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24 <212> TYPE: RNA
25 <213> ORGANISM: Artificial Sequence
27 <220> FEATURE:
28 <223> OTHER INFORMATION: Human MT-Ia Rz
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35 <212> TYPE: RNA
36 <213> ORGANISM: Artificial Sequence
38 <220> FEATURE:
39 <223> OTHER INFORMATION: Human MT-Ie/r Rz
41 <400> SEQUENCE: 2
42 ccccuuugca cugaugaguc cgugaggacg aaacgcagcc cu 42
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46 <212> TYPE: RNA
47 <213> ORGANISM: Artificial Sequence
49 <220> FEATURE:
50 <223> OTHER INFORMATION: Human MT-If Rz
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57 <212> TYPE: RNA
58 <213> ORGANISM: Artificial Sequence
60 <220> FEATURE:
61 <223> OTHER INFORMATION: Human MT-Ib Rz
63 <400> SEQUENCE: 4
64 gagccuuugc acugaugagu ccgugaggac gaaacacagc ccu 43

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66 <210> SEQ ID NO: 5
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68 <212> TYPE: RNA
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71 <220> FEATURE:
72 <223> OTHER INFORMATION: Human MT-Ighlx/-II Rz
74 <400> SEQUENCE: 5
75 ccccuugca cugaugaguc cgugaggacg aaauagcagcc cu 42
77 <210> SEQ ID NO: 6
78 <211> LENGTH: 43
79 <212> TYPE: RNA
80 <213> ORGANISM: Artificial Sequence
82 <220> FEATURE:
83 <223> OTHER INFORMATION: Rz1-2
85 <400> SEQUENCE: 6
86 ggcguuugc acugaugagu ccgugaggac gaaacacagc ccu 43
88 <210> SEQ ID NO: 7
89 <211> LENGTH: 42
90 <212> TYPE: RNA
91 <213> ORGANISM: Artificial Sequence
93 <220> FEATURE:
94 <223> OTHER INFORMATION: Rz4-9
96 <400> SEQUENCE: 7
97 ccucuugca cugaugaguc cgugaggacg aaauagcagcc cu 42
99 <210> SEQ ID NO: 8
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101 <212> TYPE: DNA
102 <213> ORGANISM: Artificial Sequence
104 <220> FEATURE:
105 <223> OTHER INFORMATION: MT-I: forward primer
107 <400> SEQUENCE: 8
108 gaattccgtt gctccagatt caccagatc 29
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111 <211> LENGTH: 28
112 <212> TYPE: DNA
113 <213> ORGANISM: Artificial Sequence
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116 <223> OTHER INFORMATION: MT-I: reverse primer
118 <400> SEQUENCE: 9
119 gaattctcac atgctcggtta gaaaacgg 28
121 <210> SEQ ID NO: 10
122 <211> LENGTH: 23
123 <212> TYPE: DNA
124 <213> ORGANISM: Artificial Sequence
126 <220> FEATURE:
127 <223> OTHER INFORMATION: MT-II: forward primer
129 <400> SEQUENCE: 10
130 tagatctcca cctgccgcct cca 23
132 <210> SEQ ID NO: 11

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133 <211> LENGTH: 27
134 <212> TYPE: DNA
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137 <220> FEATURE:
138 <223> OTHER INFORMATION: MT-II: reverse primer
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144 <211> LENGTH: 41
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148 <220> FEATURE:
149 <223> OTHER INFORMATION: Rz1-2 forward (RzI-F) primer
151 <400> SEQUENCE: 12
152 ccgaattcgc gcctttgcac tgatgagtcc gtgaggacga a        41
154 <210> SEQ ID NO: 13
155 <211> LENGTH: 45
156 <212> TYPE: DNA
157 <213> ORGANISM: Artificial Sequence
159 <220> FEATURE:
160 <223> OTHER INFORMATION: reverse primer (RzI-R)
162 <400> SEQUENCE: 13
163 gctctagagc gtgtgtgtgt agggctgtgt ttcgtcctca cggac    45
165 <210> SEQ ID NO: 14
166 <211> LENGTH: 45
167 <212> TYPE: DNA
168 <213> ORGANISM: Artificial Sequence
170 <220> FEATURE:
171 <223> OTHER INFORMATION: Rz4-9 forward primer (RzII-F)
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174 taccggggt gtgtgtgtgt agggctgcat ttcgtcctca cggac    45
176 <210> SEQ ID NO: 15
177 <211> LENGTH: 42
178 <212> TYPE: DNA
179 <213> ORGANISM: Artificial Sequence
181 <220> FEATURE:
182 <223> OTHER INFORMATION: Rz4-9 reverse primer (RzII-R)
184 <400> SEQUENCE: 15
185 gctctagagc cctctttgca ctgatgagtc cgtgaggacg aa      42
187 <210> SEQ ID NO: 16
188 <211> LENGTH: 41
189 <212> TYPE: DNA
190 <213> ORGANISM: Artificial Sequence
192 <220> FEATURE:
193 <223> OTHER INFORMATION: mutant oligonucleotide sequence, RzI-M
195 <400> SEQUENCE: 16
196 ccgaattcgc gcctttgcac taatgggtcc gtgaggacga a        41
198 <210> SEQ ID NO: 17
199 <211> LENGTH: 21

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Input Set : A:\07917-110001.txt

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200 <212> TYPE: DNA
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203 <220> FEATURE:
204 <223> OTHER INFORMATION: nt 21-41; for MT-IIa cDNA amplification, forward primer
206 <400> SEQUENCE: 17
207 caacctgtcc cgactctagc c 21
209 <210> SEQ ID NO: 18
210 <211> LENGTH: 20
211 <212> TYPE: DNA
212 <213> ORGANISM: Artificial Sequence
214 <220> FEATURE:
215 <223> OTHER INFORMATION: nt 306-325; for MT-IIa cDNA amplification, reverse primer
217 <400> SEQUENCE: 18
218 ggtcacggtc agggttgtac 20
220 <210> SEQ ID NO: 19
221 <211> LENGTH: 20
222 <212> TYPE: DNA
223 <213> ORGANISM: Artificial Sequence
225 <220> FEATURE:
226 <223> OTHER INFORMATION: forward (sense) primer for amplification of the
227 18S ribosomal RNA
229 <400> SEQUENCE: 19
230 tgaggccatg attaagaggg 20
232 <210> SEQ ID NO: 20
233 <211> LENGTH: 20
234 <212> TYPE: DNA
235 <213> ORGANISM: Artificial Sequence
237 <220> FEATURE:
238 <223> OTHER INFORMATION: anti-sense primer for amplification of the 18S
239 ribosomal RNA
241 <400> SEQUENCE: 20
242 cgctgagcca gtcagtgtag 20
244 <210> SEQ ID NO: 21
245 <211> LENGTH: 18
246 <212> TYPE: DNA
247 <213> ORGANISM: Artificial Sequence
249 <220> FEATURE:
250 <223> OTHER INFORMATION: nt 472-489; forward primer for amplification of
251 MT-1F from cDNA
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254 agtctctcct cggttgc 18
256 <210> SEQ ID NO: 22
257 <211> LENGTH: 21
258 <212> TYPE: DNA
259 <213> ORGANISM: Artificial Sequence
261 <220> FEATURE:
262 <223> OTHER INFORMATION: nt 1603-1623; reverse primer for amplification of
263 MT-1F from cDNA
265 <400> SEQUENCE: 22

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Input Set : A:\07917-110001.txt

Output Set: N:\CRF4\11062002\J033024A.raw

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269 <211> LENGTH: 19
270 <212> TYPE: DNA
271 <213> ORGANISM: Artificial Sequence
273 <220> FEATURE:
274 <223> OTHER INFORMATION: nt 386-404; forward primer for amplification from
275     bcI-2 cDNA
277 <400> SEQUENCE: 23
278 tgcacctgac gcccttcac 19
280 <210> SEQ ID NO: 24
281 <211> LENGTH: 24
282 <212> TYPE: DNA
283 <213> ORGANISM: Artificial Sequence
285 <220> FEATURE:
286 <223> OTHER INFORMATION: nt 655-679; reverse primer for amplification from
287     bcI-2 cDNA
289 <400> SEQUENCE: 24
290 agacagccag gagaaatcaa acag 24
292 <210> SEQ ID NO: 25
293 <211> LENGTH: 21
294 <212> TYPE: DNA
295 <213> ORGANISM: Artificial Sequence
297 <220> FEATURE:
298 <223> OTHER INFORMATION: nt 1295-1315; sense primer for amplification from
299     c-myc cDNA
301 <400> SEQUENCE: 25
302 ccaccaccag cagcgactct g 21
304 <210> SEQ ID NO: 26
305 <211> LENGTH: 20
306 <212> TYPE: DNA
307 <213> ORGANISM: Artificial Sequence
309 <220> FEATURE:
310 <223> OTHER INFORMATION: nt 1625-1645; anti-sense primer for amplification
311     from c-myc cDNA
313 <400> SEQUENCE: 26
314 ccaagacgtt gtgtgttcgc 20
316 <210> SEQ ID NO: 27
317 <211> LENGTH: 40
318 <212> TYPE: DNA
319 <213> ORGANISM: Artificial Sequence
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322 <223> OTHER INFORMATION: Human MT-Ia Rz forward primer
324 <400> SEQUENCE: 27
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327 <210> SEQ ID NO: 28
328 <211> LENGTH: 45
329 <212> TYPE: DNA
330 <213> ORGANISM: Artificial Sequence

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VERIFICATION SUMMARY

PATENT APPLICATION: US/10/033,024A

DATE: 11/06/2002

TIME: 14:23:10

Input Set : A:\07917-110001.txt

Output Set: N:\CRF4\11062002\J033024A.raw

L:13 M:271 C: Current Filing Date differs, Replaced Current Filing Date